

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| - | 18 | ((integrated near3 circuit near3 design) or (IC near3 design) or (semiconductor near3 device)) and module and (wir\$3 near3 layer) and ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 14:37 |
| - | 1 | ((integrated near3 circuit near3 design) or (IC near3 design) or (semiconductor near3 device)) and module and (wir\$3 near3 layer near3 (multipl\$3 or plural\$3)) and ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:01 |
| - | 1 | ((integrated near3 circuit near3 design) or (IC near3 design) or (semiconductor near3 device)) and module and (wir\$3 near3 layer near3 (multipl\$3 or plural\$3 or multilayer or (mult\$3 near3 layer))) and ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:06 |
| - | 15 | ((integrated near3 circuit near3 design) or (IC near3 design) or (semiconductor near3 device)) and module and ((mult\$3 or plural\$3) near3 layer) and ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:31 |
| - | 17 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:39 |
| - | 1236 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((five or fifth) near3 layer) ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:42 |
| - | 366 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((five or fifth) near3 layer) ((horizontal and vertical and diagonal) near3 direction) and (gridless near3 non near3 manhattan) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:44 |
| - | 2 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((five or fifth) near3 layer near3 metal near3 wir\$3) ((horizontal and vertical and diagonal) near3 direction) and (gridless near3 non near3 manhattan) and orthogonal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/22 16:49 |
| - | 366 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((five or fifth) near3 layer) ((horizontal and vertical and diagonal) near3 direction) and (gridless near3 non near3 manhattan) and orthogonal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/23 08:23 |
| - | 0 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((five or fifth) near3 layer) and ((horizontal and vertical and diagonal) near3 direction) and (gridless near3 non near3 manhattan) and orthogonal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/23 08:24 |
| - | 15 | ((integrated near3 circuit) or IC or semiconductor) and module and ((mult\$3 or plural\$3) near3 layer) and ((five or fifth) near3 layer) and ((horizontal and vertical and diagonal) near3 direction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/23 08:52 |
| - | 148 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/01/14 10:10 |
| - | 2 | (((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and gridless | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/06 15:42 |

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|--|----|--|---|------------------|
| | 19 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/06 15:43 |
| | 19 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/18 17:11 |
| | 2 | (manhattan same gridded) and layers | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 07:44 |
| | 74 | (manhattan and grid\$4) and (metal near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 07:45 |
| | 51 | (manhattan and grid\$4) and (metal near3 layer) and (first near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 07:46 |
| | 36 | (manhattan and grid\$4) and (metal near3 layer) and (first near3 layer) and (fourth near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 09:21 |
| | 13 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and ((manhattan and grid\$4) and (metal near3 layer) and (first near3 layer) and (fourth near3 layer)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 09:29 |
| | 7 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and ((manhattan and grid\$4) and (metal near3 layer) and (first near3 layer) and (fourth near3 layer)) and pitch | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 09:06 |
| | 9 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and pitch | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 09:15 |
| | 15 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and (manhattan or grid\$4) and (metal near3 layer) and (first near3 layer) and (fourth near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 09:23 |
| | 9 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and pitch | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 11:34 |
| | 0 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and ((first near3 layer) near3 horizint\$3) and ((second near3 layer) near3 vertic\$3) and ((third near3 layer) near3 diagon\$3) and ((fourth near3 layer) near3 diagon\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 11:45 |
| | 0 | ((first near3 layer) near3 horizint\$3) and ((second near3 layer) near3 vertic\$3) and ((third near3 layer) near3 diagon\$3) and ((fourth near3 layer) near3 diagon\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 11:38 |

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|--|----|---|---|------------------|
| | 0 | ((first near3 layer) near3 horizont\$3) and ((second near3 layer) near3 vertic\$3) and ((third near3 layer) near3 diagonal\$3) and ((fourth near3 layer) near3 diagonal\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 11:38 |
| | 16 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and (horizontal and vertical and diagonal) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/18 17:04 |
| | 8 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and (layer near3 (horizontal and vertical and diagonal)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 12:12 |
| | 11 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and (horizontal and vertical and diagonal) and @pd<=20030115 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/18 16:59 |
| | 11 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and (horizontal and vertical and diagonal) and @pd<=20030115 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/18 17:04 |
| | 11 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and (horizontal and vertical and diagonal) and @pd<=20030115 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/18 17:05 |
| | 14 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and @pd<=20030115 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/22 09:32 |
| | 0 | simulated adj1 euclidean adj1 wiring | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/21 15:30 |
| | 0 | simulated near2 euclidean near2 wiring | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/21 15:30 |
| | 0 | euclidean near3 wir\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/21 16:22 |
| | 0 | euclidean near3 wiring | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/21 16:42 |
| | 0 | (euclidean near3 (wiring or wir\$3 or distance)) same (integrated near3 circuit) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/21 16:43 |
| | 1 | "6324674".PN. | USPAT; US-PGPUB | 2003/04/21 16:49 |
| | 0 | "2001/0009031".PN. | USPAT; US-PGPUB | 2003/04/21 16:56 |
| | 0 | "2001/0009031".PN. | USPAT; US-PGPUB | 2003/04/21 16:55 |
| | 0 | "2001/0009031".PN. | USPAT; US-PGPUB | 2003/04/21 16:55 |

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| - | 0 | "2001/0009031".PN. | USPAT; US-PGPUB | 2003/04/21 16:55 |
| - | 0 | "2001/0009031".PN. | USPAT; US-PGPUB | 2003/04/21 16:55 |
| - | 1 | "6412097".PN. | USPAT; US-PGPUB | 2003/04/21 16:55 |
| - | 0 | "2001/0009031".PN. | USPAT; US-PGPUB | 2003/04/21 16:55 |
| - | 1 | 20010009031.pn. | USPAT; US-PGPUB | 2003/04/21 16:56 |
| - | 1 | "6412097".PN. | USPAT; US-PGPUB | 2003/04/21 17:00 |
| - | 0 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and manhattan and layers and (ratio same ((first and second) near3 line)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/22 09:35 |
| - | 0 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and layers and (ratio same ((first and second) near3 line)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/22 09:35 |
| - | 17 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) and layers and (ratio same length) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/14 12:18 |
| - | 23 | ((non near3 manhattan) or nonmanhattan or diagonal) near3 wiring) same ratio) and layers | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/22 14:18 |
| - | 27 | ((non adj manhattan) or nonmanhattan or diagonal) near3 (wiring or direction) and layers and (ratio same length) and (((horizontal and vertical) or orthogonal) near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/14 12:20 |
| - | 27 | ((non adj manhattan) or nonmanhattan or diagonal) near3 (wiring or direction) and layers and (ratio same length) and (((horizontal and vertical) or orthogonal or manhattan) near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/30 17:46 |
| - | 15 | ((non adj manhattan) or nonmanhattan or diagonal) near3 (wiring or direction) and layers and (ratio same length) and (((horizontal and vertical) or orthogonal or manhattan) near3 layer) and ((sixty adj degrees) or (US-20020147958-A1.DID. adj degrees)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/14 13:52 |
| - | 0 | ((non adj manhattan) or nonmanhattan or diagonal) near3 (wiring or direction) and layers and (ratio same length) and (((horizontal and vertical) or orthogonal or manhattan) near3 layer) and ((sixty adj degrees) or (US-20020147958-A1.DID. adj degrees)) and ((fourty adj five adj degrees) or (US-5801422-A.DID. adj degrees)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/14 13:56 |
| - | 0 | ((non adj manhattan) or nonmanhattan or diagonal) near3 (wiring or direction) same layer and (ratio same length) and (((horizontal and vertical) or orthogonal or manhattan) near3 layer) and ((sixty adj degrees) or (US-20020147958-A1.DID. adj degrees)) and ((fourty adj five adj degrees) or (US-5801422-A.DID. adj degrees)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/14 13:57 |
| - | 11 | ((non adj manhattan) or nonmanhattan or diagonal) near3 (wiring or direction) same layer and (ratio same length) and (((horizontal and vertical) or orthogonal or manhattan) near3 layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/14 13:57 |
| - | 0 | Ecker.in. | IBM_TDB | 2004/01/30 15:16 |
| - | 6 | semiconductor adj package adj structure | IBM_TDB | 2004/01/30 15:20 |
| - | 1 | diagonal adj rectangular adj wiring | IBM_TDB | 2004/01/30 15:20 |

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| - | 91 | ((non adj manhattan) or nonmanhattan or diagonal) same (wiring or direction) same layers and (ratio same length) and ((horizontal and vertical) or orthogonal or manhattan) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/30 17:49 |
| - | 1 | ((non adj manhattan) or nonmanhattan or diagonal) same (wiring or direction) same layers and (ratio same length) and ((horizontal and vertical) or orthogonal or manhattan) and 716/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/30 17:49 |